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IAP9 Rec'd PCT/PTO 23 AUG 2006 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EV809338296US

Applicant : Woo-Nyon Kim, et al.  
Application No. : N/A  
Filed : August 23, 2006  
Title : CLAY-POLYURETHANE NANOCOMPOSITE AND METHOD FOR  
PREPARING THE SAME  
Grp./Div. : N/A  
Examiner : N/A  
Docket No. : 58266/J257

INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
August 23, 2006

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of the references listed as "ON ORDER" will be provided upon receipt of the same. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By D. Bruce Prout  
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626/795-9900

DBP/aam  
Enclosures: Form PTO/SB/08A/B, w/references

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	58266/J257
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	N/A
	Filing Date	August 23, 2006
	Applicant(s)	Woo-Nyon Kim, et al.
	Group Art Unit	N/A
	Examiner Name	N/A

#### U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
/KW/		6,242,500 B1	06-05-2001	Lan, et al.
/KW/		2003/0050354 A1	03-13-2003	Gilman, et al.

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
/KW/		KR 10-2002-95380 (ON ORDER)	12-26-2002		

#### OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/KW/		International Search Report, dated 04-18-2005, corresponding to PCT/KR2005/000038
/KW/		HU, ET AL., "Synthesis of polyurethane/clay intercalated nanocomposites", COLLOID & POLYMER SCIENCE, SPRINGER-VERLAG, 2001, vol. 279, pages 819-822 (ON ORDER)
/KW/		KIM, ET AL., "Morphology and properties of waterborne polyurethane/clay nanocomposites", EUROPEAN POLYMER JOURNAL, ELSEVIER SCIENCE LTD., 2003, vol. 39, pages 85-91 (ON ORDER)
/KW/		FENG, ET AL., "Polymerization compounding: Epoxy-montmorillonite nanocomposite", POLYMER ENGINEERING AND SCIENCE, JOHN WILEY & SONS INC., 30 September 2002 (2002-09-30), vol. 42, pages 1827-1 835 (ON ORDER)
/KW/		CHEN, ET AL., "Synthesis and characterization of novel segmented polyurethane/clay nanocomposite", POLYMER, ELSEVIER SCIENCE LTD., 2000, vol. 41, pages 1345-1353 (ON ORDER)

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EXAMINER SIGNATURE	/Katarzyna Wyrozebski Lee/	DATE CONSIDERED	10/22/2008
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.